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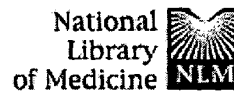
result set

DB=USPT,PGPB; PLUR=YES; OP=OR

L18	L17 AND human	152	L18
L17	g-protein ADJ receptor	154	L17
L16	g-protein-coupled-receptor	5	L16
L15	L14 AND GPCR	6	L15
L14	((424/130.1)!.CCLS.)	938	L14
L13	((L424/103.1)!.CCLS.)	0	L13
L12	L11 AND GPCR	128	L12
L11	L10 AND g-protein	655	L11
L10	((530/300 530/350 530/412)!.CCLS.)	10605	L10
L9	L8 AND human	1223	L9
L8	L7 AND receptor	1232	L8
L7	L6 AND g-protein	1258	L7
L6	((435/7.1 435/69.1 435/69.7 435/70.1 435/252.3 435/320.1 435/325)!.CCLS.)	25520	L6
L5	L4 AND g-protein	166	L5
L4	L3 AND GPCR	183	L4
L3	((536/23.1 536/23.4 536/23.5)!.CCLS.)	12651	L3
L2	Duecker.IN.	16	L2
L1	(Duecker-Klaus.IN.)	0	L1

END OF SEARCH HISTORY

RESULT 6
 AAZ25345
 ID AAZ25345 standard; cDNA; 2467 BP.
 XX
 AC AAZ25345;
 XX
 DT 20-DEC-1999 (first entry)
 XX
 DE Human LGR7 long form nucleotide sequence.
 XX
 KW Human; LGR4; LGR5; LGR7; G-protein coupled receptor; gene therapy;
 KW extracellular leucine rich repeat region; mapping; identification; ss.
 XX
 OS Homo sapiens.
 XX
 PN MO9948921-A1.
 XX
 PD 30-SEP-1999.
 XX
 PF 25-MAR-1999; 99WO-US06573.
 XX
 PR 26-MAR-1998; 98US-0079501.
 XX
 PA (STRD) UNIV LELAND STANFORD JUNIOR.
 PA (ORGA) ORGANON NV.
 XX
 PI Hsueh AJW, Hsu SY, Liang S, Van Der Spek PJ;
 XX
 DR WPI; 1999-591074/50.
 DR P-PSDB; AAY42170.
 XX
 PT New G-protein coupled receptors, useful for identifying their own
 PT ligands -
 XX
 PS Claim 4; Fig 3; 54pp; English.
 XX
 CC The present sequence encodes the human G-protein coupled receptor
 CC having extracellular leucine rich repeat regions, designated LGR7 long
 CC form. The LGR4, LGR5 and LGR7 proteins are used to identify ligands for
 CC the receptor. The polypeptides and/or polynucleotides are also useful
 CC for homologous or related genes, producing compositions that modulate
 CC the expression or function of the receptors, gene therapy, mapping
 CC functional regions of the receptors, studying associated physiological
 CC pathways, in vivo prophylactic and therapeutic purposes, as immunogens
 CC for producing antibodies, and for identifying biologically active
 CC agents. The polypeptides contain a G-protein coupled seven
 CC transmembrane region and a leucine rich repeat extracellular domain.
 CC These regions capture and facilitate optimal orientation of its ligand.
 CC The proteins are also expressed in diverse tissues.
 XX
 SQ Sequence 2467 BP; 747 A; 487 C; 474 G; 759 T; 0 other;
 Query Match 92.7%; Score 439.2; DB 20; Length 2467;
 Best Local Similarity 96.8%; Pred. No. 4.4e-109;
 Matches 459; Conservative 0; Mismatches 13; Indels 2; Gaps 1;
 Qy 1 GCCCAGATTATTTCAGTGGCAATTTTCTTGGTATTAATTGGCCGCATTATCATCATA 60
 Db 1919 GCCCAGATTATTTCAGTGGCAATTTTCTTGGTATTAATTGGCCGCATTATCATCATA 1978
 Qy 61 GTTTTTTCTATGGAAGCATGTTTATAGTGTTCATCAAAGTGCCATAACAGCAACTGAA 120
 Db 1979 GTTTTTTCTATGGAAGCATGTTTATAGTGTTCATCAAAGTGCCATAACAGCAACTGAA 2038
 Qy 121 ATACGGAATCAAGTTAAAAAGAGATGATCCTTGCCAAACGTTTTTCTTTATAGTATTT 180
 Db 2039 ATACGGAATCAAGTTAAAAAGAGATGATCCTTGCCAAACGTTTTTCTTTATAGTATTT 2098
 Qy 181 ACTGATGCATTATGCTGGATACCCATTTTGTAGCGAAACCTCTTTCACTGCTTCAGGTA 240
 Db 2099 ACTGATGCATTATGCTGGATACCCATTTTGTAGTGAATTTCTTTCACTGCTTCAGGTA 2158
 Qy 241 GAAATACCAGGTACCATAACCTCTGGGTAGTGATTGGTTATTCTGCCATTAACAGTGCT 300
 Db 2159 GAAATACCAGGTACCATAACCTCTGGGTAGTGATTTTTATTCTGCCATTAACAGTGCT 2218
 Qy 301 TTGAACCAATTCTCTATACTCTGACCACAAGACCATTTAAAGAAATGATTATCGGTTT 360
 Db 2219 TTGAACCAATTCTCTATACTCTGACCACAAGACCATTTAAAGAAATGATTATCGGTTT 2278
 Qy 361 TGGCATAACTACAGACAAAGAAAATCTATGGACAGCAAGGTATCAGAAAACATATGCTC 420
 Db 2279 TGGTATAACTACAGACAAAGAAAATCTATGGACAGCAAGG--TCAGAAAACATATGCTC 2336
 Qy 421 CATCATTCATCTGGGGGAAATGTGGCCACTGCAGGAGATGCCACCTGAGTTAA 474
 Db 2337 CATCATTCATCTGGGTGGAATGTGGCCACTGCAGGAGATGCCACCTGAGTTAA 2390



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- ☐ 1: [Abbracchio MP, Boeynaems JM, Barnard EA, Boyer JL, Kennedy C, Miras-Portugal MT, King BF, Gachet C, Jacobson KA, Weisman GA, Burnstock G.](#) Related Articles, Links

Characterization of the UDP-glucose receptor (re-named here the P2Y(14) receptor) adds diversity to the P2Y receptor family.

Trends Pharmacol Sci. 2003 Feb;24(2):52-5.

PMID: 12559763 [PubMed - in process]

- ☐ 2: [Qanbar R, Bouvier M.](#) Related Articles, Links

Role of palmitoylation/depalmitoylation reactions in G-protein-coupled receptor function.

Pharmacol Ther. 2003 Jan;97(1):1-33.

PMID: 12493533 [PubMed - in process]

- ☐ 3: [Steele AD, Szabo I, Bednar F, Rogers TJ.](#) Related Articles, Links

Interactions between opioid and chemokine receptors: heterologous desensitization.

Cytokine Growth Factor Rev. 2002 Jun;13(3):209-22. Review.

PMID: 12486875 [PubMed - indexed for MEDLINE]

- ☐ 4: [Smyth EM, FitzGerald GA.](#) Related Articles, Links

Human prostacyclin receptor.

Vitam Horm. 2002;65:149-65. Review.

PMID: 12481546 [PubMed - indexed for MEDLINE]

- ☐ 5: [Theilade J, Haunso S, Sheikh SP.](#) Related Articles, Links

G protein-coupled receptor kinase 2--a feedback regulator of Gq pathway signalling.

Curr Drug Targets Immune Endocr Metabol Disord. 2001 Aug;1(2):139-51.

PMID: 12476795 [PubMed - indexed for MEDLINE]

- ☐ 6: [Benovic JL.](#) Related Articles, Links

Novel beta2-adrenergic receptor signaling pathways.

J Allergy Clin Immunol. 2002 Dec;110(6 Suppl):S229-35. Review.

PMID: 12464929 [PubMed - indexed for MEDLINE]

- ☐ 7: [Stenkamp RE, Filipek S, Driessen CA, Teller DC, Palczewski K.](#) Related Articles, Links

Crystal structure of rhodopsin: a template for cone visual pigments and other G protein-coupled receptors.

Biochim Biophys Acta. 2002 Oct 11;1565(2):168-82. Review.
PMID: 12409193 [PubMed - indexed for MEDLINE]

☐ **8:** [Shenker A.](#) Related Articles, Links

Activating mutations of the lutropin choriogonadotropin receptor in precocious puberty.

Receptors Channels. 2002;8(1):3-18. Review.
PMID: 12408104 [PubMed - indexed for MEDLINE]

☐ **9:** [New DC, Wong YH.](#) Related Articles, Links

The ORL1 receptor: molecular pharmacology and signalling mechanisms.

Neurosignals. 2002 Jul-Aug;11(4):197-212. Review.
PMID: 12393946 [PubMed - indexed for MEDLINE]

☐ **10:** [Cui Y, Le Y, Yazawa H, Gong W, Wang JM.](#) Related Articles, Links

Potential role of the formyl peptide receptor-like 1 (FPRL1) in inflammatory aspects of Alzheimer's disease.

J Leukoc Biol. 2002 Oct;72(4):628-35. Review.
PMID: 12377930 [PubMed - indexed for MEDLINE]

☐ **11:** [Huang Z.](#) Related Articles, Links

Structure, function and modulation of chemokine receptors: members of the g-protein-coupled receptor superfamily.

Mini Rev Med Chem. 2002 Aug;2(4):373-83. Review.
PMID: 12370058 [PubMed - indexed for MEDLINE]

☐ **12:** [Zhou CJ, Shioda S, Yada T, Inagaki N, Pleasure SJ, Kikuyama S.](#) Related Articles, Links

PACAP and its receptors exert pleiotropic effects in the nervous system by activating multiple signaling pathways.

Curr Protein Pept Sci. 2002 Aug;3(4):423-39. Review.
PMID: 12370005 [PubMed - indexed for MEDLINE]

☐ **13:** [Onuffer JJ, Horuk R.](#) Related Articles, Links

Chemokines, chemokine receptors and small-molecule antagonists: recent developments.

Trends Pharmacol Sci. 2002 Oct;23(10):459-67. Review.
PMID: 12368070 [PubMed - indexed for MEDLINE]

☐ **14:** [George SR, O'Dowd BF, Lee SP.](#) Related Articles, Links

G-protein-coupled receptor oligomerization and its potential for drug discovery.

Nat Rev Drug Discov. 2002 Oct;1(10):808-20. Review.
PMID: 12360258 [PubMed - indexed for MEDLINE]

☐ **15:** [Dzimiri N.](#) Related Articles, Links

Receptor crosstalk. Implications for cardiovascular function, disease and therapy.

Eur J Biochem. 2002 Oct;269(19):4713-30. Review.
PMID: 12354102 [PubMed - indexed for MEDLINE]

☐ **16:** [Garriga P, Manyosa J.](#) Related Articles, Links

The eye photoreceptor protein rhodopsin. Structural implications for retinal

disease.

FEBS Lett. 2002 Sep 25;528(1-3):17-22. Review.

PMID: 12297272 [PubMed - indexed for MEDLINE]

☐ **17:**[Touhara K.](#)

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Odor discrimination by G protein-coupled olfactory receptors.

Microsc Res Tech. 2002 Aug 1;58(3):135-41. Review.

PMID: 12203691 [PubMed - indexed for MEDLINE]

☐ **18:**[Pearce SH.](#)

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Clinical disorders of extracellular calcium-sensing and the molecular biology of the calcium-sensing receptor.

Ann Med. 2002;34(3):201-6. Review.

PMID: 12173690 [PubMed - indexed for MEDLINE]

☐ **19:**[Sandrasagra A](#), [Leonard SA](#), [Tang L](#), [Teng K](#), [Li Y](#), [Ball HA](#), [Mannion JC](#), [Nyce JW.](#)

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Discovery and development of respirable antisense therapeutics for asthma.

Antisense Nucleic Acid Drug Dev. 2002 Jun;12(3):177-81. Review.

PMID: 12162700 [PubMed - indexed for MEDLINE]

☐ **20:**[Hengge UR](#), [Ruzicka T](#), [Tyring SK](#), [Stuschke M](#), [Roggendorf M](#), [Schwartz RA](#), [Seeber S.](#)

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Update on Kaposi's sarcoma and other HHV8 associated diseases. Part 2: pathogenesis, Castleman's disease, and pleural effusion lymphoma.

Lancet Infect Dis. 2002 Jun;2(6):344-52. Review.

PMID: 12144897 [PubMed - indexed for MEDLINE]

☐ **21:**[Nickenig G.](#)

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Central role of the AT(1)-receptor in atherosclerosis.

J Hum Hypertens. 2002 Aug;16 Suppl 3:S26-33. Review.

PMID: 12140725 [PubMed - indexed for MEDLINE]

☐ **22:**[Poronnik P](#), [Cummins MM](#), [O'Mullane LM](#), [Cook DI.](#)

[Related Articles](#), [Links](#)

Use of adenoviruses to study isoform specificity of G-protein-receptor-coupled Ca²⁺ signaling in intact epithelial cells.

Cell Biochem Biophys. 2002;36(2-3):221-33. Review.

PMID: 12139408 [PubMed - indexed for MEDLINE]

☐ **23:**[Johansson J](#), [Ekberg K](#), [Shafqat J](#), [Henriksson M](#), [Chibalin A](#), [Wahren J](#), [Jornvall H.](#)

[Related Articles](#), [Links](#)

Molecular effects of proinsulin C-peptide.

Biochem Biophys Res Commun. 2002 Aug 2;295(5):1035-40. Review.

PMID: 12135597 [PubMed - indexed for MEDLINE]

☐ **24:**[Miller LJ](#), [Ding XQ.](#)

[Related Articles](#), [Links](#)

Insights into the molecular basis of ligand binding by the cholecystokinin receptor.

Pancreatology. 2001;1(4):336-42. Review.

PMID: 12120212 [PubMed - indexed for MEDLINE]

☐ **25:**[Bourdeau I](#), [Stratakis CA.](#)

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Cyclic AMP-dependent signaling aberrations in macronodular adrenal disease.

Ann N Y Acad Sci. 2002 Jun;968:240-55. Review.
PMID: 12119280 [PubMed - indexed for MEDLINE]

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Are we beta-ARKing up the wrong tree? Casein kinase 1 alpha provides an additional pathway for GPCR phosphorylation.
Trends Pharmacol Sci. 2002 Jul;23(7):337-43.
PMID: 12119155 [PubMed - indexed for MEDLINE]
- ☐ **27:** [Moss IR, Laferriere A.](#) Related Articles, Links
Central neuropeptide systems and respiratory control during development.
Respir Physiol Neurobiol. 2002 Jul;131(1-2):15-27. Review.
PMID: 12106992 [PubMed - indexed for MEDLINE]
- ☐ **28:** [English D, Brindley DN, Spiegel S, Garcia JG.](#) Related Articles, Links
Lipid mediators of angiogenesis and the signalling pathways they initiate.
Biochim Biophys Acta. 2002 May 23;1582(1-3):228-39. Review.
PMID: 12069833 [PubMed - indexed for MEDLINE]
- ☐ **29:** [Pyne S, Pyne NJ.](#) Related Articles, Links
Sphingosine 1-phosphate signalling and termination at lipid phosphate receptors.
Biochim Biophys Acta. 2002 May 23;1582(1-3):121-31. Review.
PMID: 12069819 [PubMed - indexed for MEDLINE]
- ☐ **30:** [Yart A, Chap H, Raynal P.](#) Related Articles, Links
Phosphoinositide 3-kinases in lysophosphatidic acid signaling: regulation and cross-talk with the Ras/mitogen-activated protein kinase pathway.
Biochim Biophys Acta. 2002 May 23;1582(1-3):107-11. Review.
PMID: 12069817 [PubMed - indexed for MEDLINE]
- ☐ **31:** [Xu Y.](#) Related Articles, Links
Sphingosylphosphorylcholine and lysophosphatidylcholine: G protein-coupled receptors and receptor-mediated signal transduction.
Biochim Biophys Acta. 2002 May 23;1582(1-3):81-8. Review.
PMID: 12069813 [PubMed - indexed for MEDLINE]
- ☐ **32:** [Hunzicker-Dunn M, Gurevich VV, Casanova JE, Mukherjee S.](#) Related Articles, Links
ARF6: a newly appreciated player in G protein-coupled receptor desensitization.
FEBS Lett. 2002 Jun 19;521(1-3):3-8. Review.
PMID: 12067715 [PubMed - indexed for MEDLINE]
- ☐ **33:** [Payne AS, Cornelius LA.](#) Related Articles, Links
The role of chemokines in melanoma tumor growth and metastasis.
J Invest Dermatol. 2002 Jun;118(6):915-22. Review.
PMID: 12060384 [PubMed - indexed for MEDLINE]
- ☐ **34:** [Basavarajappa BS, Hungund BL.](#) Related Articles, Links
Neuromodulatory role of the endocannabinoid signaling system in alcoholism: an overview.
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PMID: 12052043 [PubMed - indexed for MEDLINE]

- ☐ **35:**[Hatae N, Sugimoto Y, Ichikawa A.](#) Related Articles, Links
Prostaglandin receptors: advances in the study of EP3 receptor signaling.
J Biochem (Tokyo). 2002 Jun;131(6):781-4. Review.
PMID: 12038972 [PubMed - indexed for MEDLINE]
- ☐ **36:**[Honda Z, Ishii S, Shimizu T.](#) Related Articles, Links
Platelet-activating factor receptor.
J Biochem (Tokyo). 2002 Jun;131(6):773-9. Review.
PMID: 12038971 [PubMed - indexed for MEDLINE]
- ☐ **37:**[Culler MD, Taylor JE, Moreau JP.](#) Related Articles, Links
Somatostatin receptor subtypes: targeting functional and therapeutic specificity.
Ann Endocrinol (Paris). 2002 Apr;63(2 Pt 3):2S5-12. Review.
PMID: 12037501 [PubMed - indexed for MEDLINE]
- ☐ **38:**[Christopoulos A, Kenakin T.](#) Related Articles, Links
G protein-coupled receptor allosterism and complexing.
Pharmacol Rev. 2002 Jun;54(2):323-74. Review.
PMID: 12037145 [PubMed - indexed for MEDLINE]
- ☐ **39:**[Aliberti J, Sher A.](#) Related Articles, Links
Positive and negative regulation of pathogen induced dendritic cell function by G-protein coupled receptors.
Mol Immunol. 2002 May;38(12-13):891-3. Review.
PMID: 12009566 [PubMed - indexed for MEDLINE]
- ☐ **40:**[Jose PA, Eisner GM, Felder RA.](#) Related Articles, Links
Dopamine receptor-coupling defect in hypertension.
Curr Hypertens Rep. 2002 Jun;4(3):237-44. Review.
PMID: 12003707 [PubMed - indexed for MEDLINE]
- ☐ **41:**[Balasubramaniam A.](#) Related Articles, Links
Clinical potentials of neuropeptide Y family of hormones.
Am J Surg. 2002 Apr;183(4):430-4. Review.
PMID: 11975932 [PubMed - indexed for MEDLINE]
- ☐ **42:**[Belcheva MM, Coscia CJ.](#) Related Articles, Links
Diversity of G protein-coupled receptor signaling pathways to ERK/MAP kinase.
Neurosignals. 2002 Jan-Feb;11(1):34-44. Review.
PMID: 11943881 [PubMed - indexed for MEDLINE]
- ☐ **43:**[Johnson EN, Druey KM.](#) Related Articles, Links
Heterotrimeric G protein signaling: role in asthma and allergic inflammation.
J Allergy Clin Immunol. 2002 Apr;109(4):592-602. Review.
PMID: 11941304 [PubMed - indexed for MEDLINE]
- ☐ **44:**[Rios CD, Jordan BA, Gomes I, Devi LA.](#) Related Articles, Links

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=> s g-protein coupled receptor
    2544165 G
    1477014 PROTEIN
    989555 PROTEINS
    1706694 PROTEIN
        (PROTEIN OR PROTEINS)
    241434 COUPLED
    499444 RECEPTOR
    456606 RECEPTORS
    594889 RECEPTOR
        (RECEPTOR OR RECEPTORS)
L1      9003 G-PROTEIN COUPLED RECEPTOR
        (G(W)PROTEIN(W)COUPLED(W)RECEPTOR)

=> s L1 AND human
    1090021 HUMAN
    302413 HUMANS
    1247991 HUMAN
        (HUMAN OR HUMANS)
L2      3568 L1 AND HUMAN

=> s L2 AND PY<1997
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L3      676 L2 AND PY<1997

=> s L3 AND screening assay
    129170 SCREENING
    1332 SCREENINGS
    130204 SCREENING
        (SCREENING OR SCREENINGS)
    274933 ASSAY
    116987 ASSAYS
    358868 ASSAY
        (ASSAY OR ASSAYS)
    2491 SCREENING ASSAY
        (SCREENING(W)ASSAY)
L4      1 L3 AND SCREENING ASSAY

=> D L4

L4      ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN      1995:753268 CAPLUS
DN      123:307713
TI      Cloning, chromosomal localization, and RNA expression of a ***human***
        .beta. chemokine receptor-like gene
AU      Combadiere, Christophe; Ahuja, Sunil K.; Murphy, Philip M.
CS      Lab. Host Defenses, Natl. Inst. Allergy Infectious Diseases, Bethesda, MD,
        20892, USA
SO      DNA and Cell Biology ( ***1995*** ), 14(8), 673-80
        CODEN: DCEBE8; ISSN: 1044-5498
PB      Liebert
DT      Journal
LA      English

=> s GPCR
    1208 GPCR
    922 GPCRS
L5      1561 GPCR
        (GPCR OR GPCRS)

=> s L5 AND review
    1762645 REVIEW
    34109 REVIEWS
    1778230 REVIEW
        (REVIEW OR REVIEWS)
L6      434 L5 AND REVIEW

=> s L6 AND assay
    274933 ASSAY

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116987 ASSAYS
358868 ASSAY
(ASSAY OR ASSAYS)
L7 30 L6 AND ASSAY

=> D L7 1-30

L7 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:903045 CAPLUS
TI Enzyme fragment complementation: a flexible high throughput screening
assay technology
AU Eglen, Richard M.
CS DiscoverX Corporation, Fremont, CA, 94538, USA
SO Assay and Drug Development Technologies (2002), 1(1-1), 97-104
CODEN: ADDTAR; ISSN: 1540-658X
PB Mary Ann Liebert, Inc.
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:884829 CAPLUS
TI Yeast ***Assays*** for G-Protein-Coupled Receptors
AU Dowell, S. J.; Brown, A. J.
CS Gene Expression and Protein Biochemistry, GlaxoSmithKline, Medicines
Research Centre, Hertfordshire, UK
SO Receptors and Channels (2002), 8(5/6), 343-352
CODEN: RCHAE4; ISSN: 1060-6823
PB Taylor & Francis Ltd.
DT Journal
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:884813 CAPLUS
TI The Use of Biosensors to Study ***GPCR*** Function: Applications for
High-Content Screening
AU Conway, Bruce R.; Demarest, Keith T.
CS Department of Drug Discovery, R. W. Johnson Pharmaceutical Research
Institute, Raritan, NJ, USA
SO Receptors and Channels (2002), 8(5/6), 331-341
CODEN: RCHAE4; ISSN: 1060-6823
PB Taylor & Francis Ltd.
DT Journal
LA English
RE.CNT 113 THERE ARE 113 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:884810 CAPLUS
TI ***GPCR*** Drug Discovery Through the Exploitation of Allosteric Drug
Binding Sites
AU Rees, Stephen; Morrow, Dwight; Kenakin, Terry
CS Molecular Screening, GlaxoSmithKline, Herts, UK
SO Receptors and Channels (2002), 8(5/6), 261-268
CODEN: RCHAE4; ISSN: 1060-6823
PB Taylor & Francis Ltd.
DT Journal
LA English
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:745892 CAPLUS
TI G-Protein-coupled receptor oligomerization and its potential for drug
discovery
AU George, Susan R.; O'Dowd, Brian F.; Lee, Samuel P.
CS Department of Pharmacology, University of Toronto, 1 King's College
Circle, Toronto, ON, M5S 1A8, Can.
SO Nature Reviews Drug Discovery (2002), 1(10), 808-820
CODEN: NRDDAG; ISSN: 1474-1776
PB Nature Publishing Group
DT Journal
LA English

RE.CNT 125 THERE ARE 125 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:575942 CAPLUS
TI The use of constitutively active ***GPCRs*** in drug discovery and
functional genomics
AU Chalmers, Derek T.; Behan, Dominic P.
CS Arena Pharmaceuticals, San Diego, CA, 92121, USA
SO Nature Reviews Drug Discovery (2002), 1(8), 599-608
CODEN: NRDDAG; ISSN: 1474-1776
PB Nature Publishing Group
DT Journal
LA English

RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:507205 CAPLUS
DN 137:211031
TI G protein-coupled receptor allosterism and complexing
AU Christopoulos, Arthur; Kenakin, Terry
CS Department of Pharmacology, University of Melbourne, Victoria, Australia
SO Pharmacological Reviews (2002), 54(2), 323-374
CODEN: PAREAQ; ISSN: 0031-6997
PB American Society for Pharmacology and Experimental Therapeutics
DT Journal; General Review
LA English

RE.CNT 354 THERE ARE 354 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:350255 CAPLUS
DN 138:69149
TI Membrane receptor proteins at interfaces for bioanalytics in the micro-
and nanometer range
AU Vogel, Horst
CS Department of Chemistry, Swiss Federal Institute of Technology, Lausanne,
CH-1015, Switz.
SO Micro Total Analysis Systems 2001, Proceedings .mu.TAS 2001 Symposium,
5th, Monterey, CA, United States, Oct. 21-25, 2001 (2001), 242-243.
Editor(s): Ramsey, J. Michael; Berg, Albert van den. Publisher: Kluwer
Academic Publishers, Dordrecht, Neth.
CODEN: 69COT6; ISBN: 1-4020-0148-7
DT Conference; General Review
LA English

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:334459 CAPLUS
DN 138:69142
TI From receptor to endogenous ligand
AU Nothacker, Hans-Peter; Reinscheid, Rainer K.; Civelli, Olivier
CS Department of Pharmacology, University of California, Irvine, CA,
92697-4625, USA
SO Receptors: Structure and Function (2nd Edition) (2001), 41-64. Editor(s):
Stanford, Clare; Horton, Roger. Publisher: Oxford University Press,
Oxford, UK.
CODEN: 69CNU4; ISBN: 0-19-963881-0
DT Conference; General Review
LA English

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L7 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:230537 CAPLUS
DN 137:334705
TI Functional ***assays*** for mammalian G-protein-coupled receptors in
yeast
AU Montesana, Pamela E.; Dosil, Mercedes; Konopka, James B.
CS Department of Molecular Genetics and Microbiology, State University of New
York, Stony Brook, NY, 11794, USA
SO Methods in Enzymology (2002), 344(G Protein Pathways, Part B), 92-111
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press

DT Journal; General Review
LA English

L7 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:225378 CAPLUS
DN 137:72394

TI Constitutively activated G protein-coupled receptors: a novel approach to
CNS drug discovery

AU Menzaghi, Frederique; Behan, Dominic P.; Chalmers, Derek T.

CS Arena Pharmaceuticals, Inc., San Diego, CA, 92131, USA

SO Current Drug Targets: CNS & Neurological Disorders (2002), 1(1), 105-121

CODEN: CDTCCC; ISSN: 1568-007X

PB Bentham Science Publishers Ltd.

DT Journal; General Review

LA English

RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L7 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:45053 CAPLUS
DN 136:212360

TI Peptide interactions with G-protein coupled receptors

AU Marshall, Garland R.

CS Center for Computational Biology, Washington University, St. Louis, MO,
63110, USA

SO Biopolymers (2001), 60(3), 246-277

CODEN: BIPMAA; ISSN: 0006-3525

PB John Wiley & Sons, Inc.

DT Journal; General Review

LA English

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L7 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2002:22382 CAPLUS
DN 136:63336

TI Orphan g-protein coupled receptors are fruitful sources for drug discovery

AU Mizukami, Yoichi

CS Dept. of Physiology I and Organ Pathophysiology, Yamaguchi University

School of Medicine, 1-1-1, Minami-kogushi, Ube, Yamaguchi, 755-8505, Japan

SO Yamaguchi Igaku (2001), 50(5), 763-769

CODEN: YIKUAO; ISSN: 0513-1731

PB Yamaguchi Daigaku Igakkai

DT Journal; General Review

LA Japanese

L7 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2001:812977 CAPLUS
DN 136:161416

TI Methods to determine the constitutive activity of histamine H2 receptors

AU Leurs, Rob; Hoffmann, Marcel; Alewijnse, Astrid E.; Smit, Martine J.;
Timmerman, Henk

CS Leiden/Amsterdam Center for Drug Research, Division of Medicinal
Chemistry, Vrije Universiteit, Amsterdam, 1081HV, Neth.

SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 405-416

CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press

DT Journal; General Review

LA English

L7 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2001:812976 CAPLUS
DN 136:161415

TI Cell-free membrane desensitization ***assay*** for G protein-coupled
receptors

AU Hunzicker-Dunn, Mary; Birnbaumer, Lutz

CS Department of Cell and Molecular Biology, Northwestern University Medical
School, Chicago, IL, 60611, USA

SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 394-404

CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press

DT Journal; General Review

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L7 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2001:812975 CAPLUS
DN 136:66420
TI Reconstitution of G protein-coupled receptors with recombinant G protein
.alpha. and .beta..gamma. subunits
AU McIntire, William E.; Myung, Chang-Seon; MacCleery, Gavin; Wang, Qi;
Garrison, James C.
CS Department of Pharmacology, University of Virginia Health System,
Charlottesville, VA, 22908, USA
SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 372-393
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal; General Review
LA English

L7 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2001:812969 CAPLUS
DN 136:66417
TI Analysis of structure-function from expression of G protein-coupled
receptor fragments
AU Karnik, Sadashiva S.
CS Department of Molecular Cardiology, Lerner Research Institute, The
Cleveland Clinic Foundation, Cleveland, OH, 44195, USA
SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 248-259
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal; General Review
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AN 2001:800609 CAPLUS
DN 136:128419
TI The use of constitutively active receptors for drug discovery at the G
protein-coupled receptor gene pool
AU Behan, Dominic P.; Chalmers, Derek T.
CS Arena Pharmaceuticals Inc, San Diego, CA, 92131, USA
SO Current Opinion in Drug Discovery & Development (2001), 4(5), 548-560
CODEN: CODDF; ISSN: 1367-6733
PB PharmaPress Ltd.
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AU Vanden Broeck, Jozef
CS Laboratory for Developmental Physiology and Molecular Biology, Zoological
Institute, K.U. Leuven, Louvain, Belg.
SO Archives of Insect Biochemistry and Physiology (2001), 48(1), 1-12
CODEN: AIBPEA; ISSN: 0739-4462
PB Wiley-Liss, Inc.
DT Journal; General Review
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DN 135:269758
TI Sex and sugar in yeast: Two distinct ***GPCR*** systems
AU Versele, Mathias; Lemaire, Katleen; Thevelein, Johan M.
CS Lab. Mol. Celbiologie and Vlaams Interuniv. Inst. Biotechnol., Katholieke
Univ. Leuven, Leuven-Heverlee, B-3001, Belg.
SO EMBO Reports (2001), 2(7), 574-579
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L7 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2001:509479 CAPLUS
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TI Integrin regulation of receptor tyrosine kinase and G protein-coupled
receptor signaling to mitogen-activated protein kinases
AU Juliano, Rudolph L.; Aplin, Andrew E.; Howe, Alan K.; Short, Sarah; Lee,
Jung weon; Alahari, Suresh
CS Department of Pharmacology, School of Medicine, University of North
Carolina, Chapel Hill, NC, 27599-7365, USA
SO Methods in Enzymology (2001), 333(Regulators and Effectors of Small
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CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal; General Review
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AN 2001:80710 CAPLUS
DN 134:260779
TI Receptor-based drug discovery in human recombinant systems: from the
orthosteric to the allosteric world
AU Kenakin, Terry
CS Department of Receptor Biochemistry, Glaxo Wellcome Research and
Development, Research Triangle Park, NC, 27709, USA
SO Pharmacology Reviews and Communications (2000), 11(1), 93-111
CODEN: PHRCF6; ISSN: 1028-8945
PB Harwood Academic Publishers
DT Journal; General Review
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L7 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2000:773976 CAPLUS
DN 134:289794
TI Forecasting roles of combinatorial chemistry in the age of genomically
derived drug discovery targets
AU Thorpe, David S.
CS Departments of Chemistry & Discovery Biology, Selectide, the Combinatorial
Chemistry Subsidiary of Aventis Pharmaceuticals, Tucson, AZ, 85737, USA
SO Combinatorial Chemistry and High Throughput Screening (2000), 3(5),
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CODEN: CCHSFU; ISSN: 1386-2073
PB Bentham Science Publishers
DT Journal; General Review
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AN 2000:676960 CAPLUS
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TI Opioids and Their Complicated Receptor Complexes
AU Jordan, B. A.; Cvejic, S.; Devi, L. A.
CS Department of Pharmacology, New York University School of Medicine, New
York, NY, 10016, USA
SO Neuropsychopharmacology (2000), 23(4, Suppl.), S5-S18
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L7 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2003 ACS
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AU Mattheakis, Larry C.; Ohler, Lynne D.
CS Affymax Research Institute, Palo Alto, CA, 94304, USA
SO High-Throughput Screening (2000), 1(1), 15-19
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L7 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 2000:111751 CAPLUS
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TI ***review*** of human H3 receptor gene that is cloned at last
AU Leurs, Rob; Hoffmann, Marcel; Wieland, Kerstin; Timmerman, Henk
CS Molecular Pharmacology, Vrije Universiteit, Amsterdam, 1081 HV, Neth.
SO Trends in Pharmacological Sciences (2000), 21(1), 11-12
CODEN: TPHSDY; ISSN: 0165-6147
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L7 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2003 ACS
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TI Chipping away at ***GPCR*** function
AU Beaumont, Kevin; Negulescu, Paul
CS Aurora Biosciences Corporation San Diego, USA
SO Nature Biotechnology (1999), 17(11), 1060
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America
DT Journal; General Review
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L7 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 1999:490037 CAPLUS
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AU Sommers, Christine M.; Dumont, Mark E.
CS Department of Biochemistry and Biophysics, University of Rochester School
of Medicine and Dentistry, Rochester, NY, USA
SO Structure-Function Analysis of G Protein-Coupled Receptors (1999),
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CODEN: 67XTAP
DT Conference; General Review
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L7 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2003 ACS
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DN 131:222833
TI Chimeric G.alpha. proteins: their potential use in drug discovery
AU Milligan, Graeme; Rees, Stephen
CS University of Glasgow, Glasgow, G12 800, UK
SO Trends in Pharmacological Sciences (1999), 20(3), 118-124
CODEN: TPHSDY; ISSN: 0165-6147
PB Elsevier Science Ltd.
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L7 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2003 ACS
AN 1997:432596 CAPLUS
DN 127:76106
TI Do recombinant receptor ***assays*** provide affinity and potency
estimates?
AU Bockaert, Joel; Brand, Celine; Journot, Laurent
CS CNRS, UPR 9023, CCIPE Rue de la Cardonille, Montpellier, 34094, Fr.
SO Annals of the New York Academy of Sciences (1997), 812(Receptor
Classification), 55-70
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
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